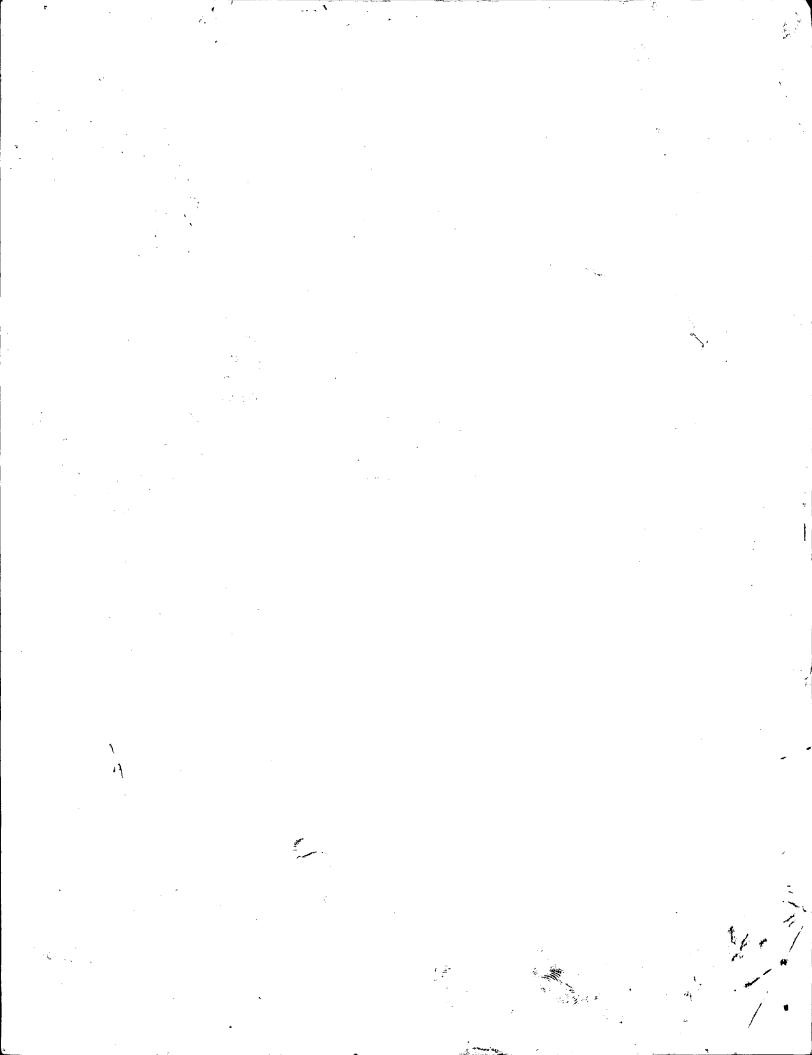
Work Orde April-02-14 11:		15504		A A	*115	5504*	***************************************					Page 1
Revision ID: Item Name:	D3391-023 Mid Tube As 4/02/14 4/16/14	sembly Start Qty Req'd Qt		*1* *1*		*N900 Cust Iten Customer	ı ID:	1100	)* ፡	Setup Sta Sto	1.71	S1* S2*
Approvals:	Process Pla	an:M_	<u> </u>	te: 14-04-	ひと Tooling:		Date:		\ F	Run Sta	^IV	R1*
	QC:		Da	te:	SPC (Y/N):		Date:			Sto	*N	R2*
Sequence ID/ Work Center ID	· · · · · · · · · · · · · · · · · · ·	Operation Descriptio			Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr									·	
D3391	I	· · · · · · · · · · · · · · · · · · ·										
*100*		Skidtubes	÷		0.00						,	****
Skidtubes Skidtubes		1	Memo  1-Cut tube to finish		-					****		
		s	saddle hole on one s	side only as per	Do not drill "B" holes) and dri Dwg D3391 Ø0.375" exept for fwd saddle							
		4	4-Remove .030" fro		g Ridge as per Dwg D3391	/					٠	
				ridge on Fwd &	k Aft end of skidtube as per D	wg D3391						
		. , 7	paint marker,	•	late Jig DT8217 Identify Ø0.2 2-20 FROM FWD END OF JI			BE	-14-0	6-25	•	
<b>4</b> %		() 9 ()	(10 holes) as per Dw 9-Open wearplate ho (20 holes) as per Dw	vg D3391 bles of D3391-0 vg D3391	023 assembly detail section G 023 assembly detail section H WEARPLATE HOLES***					·		



April-02-14 11:	14:04 AM			· · · · · · · · · · · · · · · · · · ·	):)(14"						1 450 2
Item ID: Revision ID: Item Name:	D3391-023 Mid Tube As	sembly		Accept	*N900	<u>040</u>	100	)*	Setup Star	1.71	S1*
Start Date: Required Date:	4/02/14	Start Qty: 1.00 Req'd Qty: 1.00	*1 *1		Cust Item I Customer:	ID:				"IN	<b>ラン</b> ^
Reference:											
Approvals:	Process Pla	an:	_ Date:	Tooling:	Da	ate:	-	, I	Run Star	~1 <i>\</i> J	R1*
1	QC:		Date:	SPC (Y/N):	Da	ate:	· · · · · · · · · · · · · · · · · · ·		Stop	, *V	R2*
Sequence ID/ Work Center II		11-Locate D  12- Transfer remaining for dia hole, using transfer drille D3391-021 1  13- Using Dowearplate how the Locating wearplate hole wearplate hole 15- Open 10  16- insert D3  17- insert T-18- ON FIRS	drill one fwd saddl wd saddle holes usin g t-pins and clicos d pilot holes in D33 BATCH: 15 49 T8217, locating fror oles into D3391-021. g from two fwd wear es in D3391-021 usi wearplate holes in I 3391-021 into D339 pins into first and th	n two previusly drilled holes, dr plate holes in D3391-023 drill r ng DT8937 D3391-021 to 0.297" dia.	r drill all sly drill .188" en up previously 3391-021 ill remaining emaining 6		Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
		as per		out 2nd and forth fwd saddles			47		i Light		

20-Deburr and blow out all chips from inside tube, scribe batch # in D3391-023 at aft end.

W	ork	Ord	er ID	115504
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## \*115504\*

Page 3

Insp.

April-02-14 11:14:04 AM Item ID: D3391-023 Accept \*N900040100\* Setup Start **Revision ID:** Stop **Item Name:** Mid Tube Assembly **Start Date:** 4/02/14 Start Otv: 1.00 \*1\* **Cust Item ID:** Required Date: 4/16/14 Req'd Qty: 1.00 \*1\* **Customer:** Reference: Run Start Process Plan: **Approvals:** Date: Tooling: Date: Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Tool ID Set Up/ Tool # Plan Reject Reject Accept **Work Center ID** Description Run Hours Qty Qty Number Stamp Code 110 QC5- Inspect part completeness to step on W/O 0.00 \*110\* OC Memo Quality Control 120 Chemical Conversion Coat per OSI005 4.1 0.00 \*120\* HandFinish 0.00 Memo Hand Finishing 130

QC7-Inspect Chemical Conversion Coat

0.00

\*130\*

OC Quality Control

Memo

0.00



April-02-14 11	:14:04 AM			# 1 Z	3: 3( )4					,
Item ID: Revision ID:	D3391-023			Accept	*N900	04010	∩* Setu		*NS1*	k ·
Item Name:	Mid Tube As	sembly					•	Stop	*NS2*	t
Start Date: Required Date Reference:	4/02/14 : 4/16/14	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:		كالمتفاد المداعدين	to an order	
Approvals:	Process Pl	an:	Date:	Tooling:	Da	nte:	Run	Start	*NR1*	k
	QC:		_ Date:	_ SPC (Y/N):	Da	nte:		Stop	*NR2*	k .
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan Code	Accept Re Qty Qt		Reject Insp. Jumber Stamp	•
*140* Skidtubes		Skidtubes  Memo		0.00	_			14	-7-26	7
Skidtubes		2-C'sink flor 3- Prepare tu 4-Bond web Adhere for 1 A/R Sikafle: batch#:	t bag holes as per dwg at bag holes as per dwg ube for welding in place as per Dwg D339 2 hours) x exp: 44-11-20 URE WEB IS INSERTED					/ /		DA:
150 · *1 <b>- O</b> *		QC5- Inspect part compl	eteness to step on W/O	0.00				~	11/-07 2-	9-81

\* T 与()\*

Memo

Quality Control

0.00

Work	Order ID	11550
nril 02	14 11.14.04 A	M

## \*115504\*

Page 5

<del>-</del> .												
Item ID: Revision ID: Item Name:	D3391-023  Mid Tube Ass	somble.		Accept	*	:N900	0040	100	<b>)*</b> s	Setup Star Stop	171.	S1*
nem Name: Start Date: Required Date: Reference:	4/02/14	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*			Cust Item Customer:				200	*N:	S2*
Approvals:	Process Pla		nte:	Tooling SPC (Y			Pate:		R	tun Star Stop	<u>"IVI</u>	₹1* ₹2*
Sequence ID/ Work Center II  160  *160  *160  Skidtubes  Skidtubes  170  *170  CQuality Control		Operation Description  Skidtubes  Memo 1-Weld crossbolt s 2-grind weld flush  QC10- Inspect visual per QS10  Memo		0.00	Hours  A/R	DAS 9 9-89	Tool#	Plan Code	Accept Qty	Reject Qty	$\mathscr{E}$	Insp. Stamp  7:30
*1 <b>2 1 * 1 QC</b> Quality Control		QC5- Inspect part completenes  Memo	s to step on W/O	0.00	DAS 38 989 4102106	DAS 9 9-89						

<b>Work Ord</b> <i>April-02-14 11</i>		5504		*115	5504*							Page	e 6
Item ID: Revision ID: Item Name:	D3391-023 Mid Tube Ass	embly		Accept	*N900	040	100	)*	Setup	Start Stop	171	S1* S2*	
Start Date: Required Date: Reference:	4/02/14 : 4/16/14	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item 1 Customer:	<b>D</b> :						( )/	
Approvals:	Process Pla	ın:	Date:	Tooling:	D	ate:	_	]	Run	Start	<b>~</b> I <i>V</i> I	R1*	
	QC:		Date:	SPC (Y/N):	D	ate:				Stop	*N	R2*	•
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp	
185		Pressure Wash per QSI00	05 4.3	0.00							_		
*185* HandFinish		Memo		0.00				Ŀ		76A	199	<del></del>	_
Hand Finishing		AND REAL	ODINE AS PER PARO	9-043									
190		White Gloss(Ref:4.3.5.1)	per QSI005 4/3-Alum	0.00				1			<i>""</i>	,-7	<b>7</b> 8
*1Q\n* Powdercoat		Memo	20	0.00				_/	4	)	4-7-	17	DAC.

200

QC3- Inspect Part Finish

0.00

Powder Coating

0.00

Quality Control

Memo

<b>Work Ord</b> <i>April-02-14 11</i>		5504		*115!	504*						Page 7
Item ID: Revision ID: Item Name:	D3391-023 Mid Tube Ass	embly		Accept	*N900	040	100	<b>)*</b> s	Setup S	1.7	IS1* IS2*
Start Date: Required Date: Reference:	4/02/14 : 4/16/14	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I	D:				,	
Approvals:	Process Pla	n:	Date:	Tooling:	D	ate:	-	R	tun Si	tart *N	IR1*
	QC:		Date:	SPC (Y/N):		ate:			S	top *N	IR2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<sup>230</sup> *ク <u></u> 名 <b>ハ</b> *		HandFinishing		0.00				, x		40	ud 0 = 1 19
HandFinish Hand Finishing		Memo ✓ 1- press fit I	D3591-1 spacers using DT	0.00 '9416 starting from 0.500" sid	le				7	74	<u> </u>
		2-Install Insc	erts as per Dwg								
<sup>240</sup> <b>*24∩*</b>		QC5- Inspect part compl	eteness to step on W/O	0.00							DAS <b>38</b> 9-89 /4~9~
OC				0.00				<i>L</i>			

250

Identify as per dwg & Stock Location: W 6

0.00 0412-742-043/8115493

\*950\*
Packaging

Quality Control

nging Memo

0.00

id & Ill work 14

Packaging

Work Ord April-02-14 11		15504	*115504*								Page 8
Item ID: Revision ID: Item Name:	D3391-023			Accept	*N900	<b>040</b>	100	)*	-		S1* S2*
Start Date: Required Date Reference:	4/02/14 : 4/16/14	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					
Approvals:	Process P QC:	lan:	Date:	Tooling: SPC (Y/N):		nte:		1	Run Sta Sta	op *N	R1* R2*
Sequence ID/ Work Center II 260	D	Operation Description QC21- Final Inspection -	Work Order Release	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*260* QC Quality Control		Memo		0.00				_M	5_	14~0	9-22

ML- a-22

## **Picklist Print**

April-02-14 11:14:08 AM

Work Order ID: 115504

\*115504\*

Parent Item:

D3391-023

\*D3391-023\*

Parent Item Name: Mid Tube Assembly

**Start Date:** 4/02/14

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

**Comments:** 

IPP A05.10.20New Issue KJ/EC IPP B06.02.10ECN773 dwg rev.D EC

IPP C 07.03.20 rev F dwg EC IPP D 07.03.28 re-format EC IPP E 07.10.31 ecn 1053P EC

IPP Rev:F ECN 1056 07-11-13 DD verified by: EC IPP Rev:G 08-09-08 new process (ecn 08-510) DD verified by:EC IPP Rev:H 08-09-10 revH as per dwg DD verified by:EC

IPP Rev: I 08-11-13 Removed steps per w/o, QC KJ verified by: ec IPP Rev:J add in seq 140 expire date &b# sikaflex DD 10.02.17 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per	Kit	Total Qty	Qty Issued	Date Issued	Status
D2500-1-100		Manufactured	No			100	Each	83.0000	1		1			
*D2500-1-	100*								**				BE14-	06-25
				Location	Į.	Loc	Qt <u>y</u>	Loc Code						
				HALL	82272-		83 22			_		-		
					86065		61				-/-	_		
D3389-1		Manufactured	No			140	Each	8.0000	1		1			
*D3389-1*				,					**		M	(		2
Web				<b>.</b>		_	<b>.</b>				1		14-	7-29
				<u>Location</u> LG		Loc	<u>Qty</u> 8	Loc Code				<i>)</i> '		
					113057		8			(		_		
D3681-1		Manufactured	No		114969	160	Each	234.0000	5	<del>''</del>	5	<del></del>		
*D3681-1*	•				•				**				RP	14.07.30 ×5
Spacer												A 11	6120	× 5
				Location		Loc	<u>Oty</u>	Loc Code				()°116	2100	
				LG	114004		168			_		_		
				LG001	114884		168 66			-	<del></del>	-		

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Page 1

April-02-14 11:14:08 AM

Work Order ID: 115504

\*115504\*

Parent Item:

D3391-023

\*D3391-023\*

Parent Item Name: Mid Tube Assembly

**Start Date:** 4/02/14

2

Required Date: 4/16/14

Start Qty: 1.00

Required Qty: 1.00

D3591-1

Manufactured

Each

88.0000

\*\*

\*D3591-1\*

Bushing

<b>Location</b>		Loc Qty	Loc Code		
FG		10	B115533	<u> x2</u>	
9	92873	10	6110022		
FP001		78			
	100699	5	•		
1	107918	36			
1	109107	37			
		230 Eac	h 9,937.000	20 20	

ALS4-1032-130

AELS4-1032-130 Purchased

\*ALS4-1032-130\*

Rivnut

<b>Location</b>	Loc Oty	Loc Code	
FP001	9832		
M128649	9832		<u> </u>
ST279	48		<u> </u>
M128211	48		- <u></u> -
st510	57		
M126109	57		

